

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	043087
-------	---	----	---	------------------------	--------

Complete if Known

Application Number	10/522,380
Confirmation Number	7975
Filing Date	January 26, 2005
First Named Inventor	Nao MURAKAMI
Art Unit	2874
Examiner Name	Not yet assigned.

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁴
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
ZQQ	AA	JP	2000-190385		07-11-2000	Nippon Mitsubishi Oil Corp.	Abstract+ partial trans +JPO trans
§	AB	JP	9-281337		10-31-1997	Nitto Denko Corp.	Abstract +JPO trans
§	AC	JP	8-248202		09-27-1996	Seizo MIYATA; Teijin LTD.	Abstract +JPO trans

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁴

Examiner Signature	Mike Qi	Date Considered	1-22-08
--------------------	---------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

St

1

of 12

Complete if Known

Application Number	10/522,380
Filing Date	January 26, 2005
First Named Inventor	Nao MURAKAMI
Art Unit	2874
Examiner Name	Not yet assigned

Attorney Docket Number 043087

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ²
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
zcc	AG	JP 3-33719	02/14/1991	Sumitomo Che...		✓
	AH	JP 3-24502	02/01/1991	Kuraray Co.		✓
	AI	JP 4-194820	07/14/1992	Sharp Kabush...	Corrs. to "AA"	
	AJ	JP 8-511812	12/10/1996	Univ. of Akron	Corrs. to "AK"	
✓	AK	WO 94/24191	10/27/1994	Univ. of Akron		
zcc	AL	JP 10-508048	08/04/1998	Univ. of Akron	Corrs. to "BA"	

**Examiner
Signature**

Mike G.

Date _____
Considerations _____

1-3-2-38

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1469/RTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2

2

Complete if Known

Application Number	10/522,380
Filing Date	January 26, 2005
First Named Inventor	Nao MURAKAMI
Art Unit	2874
Examiner Name	Not yet assigned
Attorney Docket Number	043087

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	FOREIGN PATENT DOCUMENTS			
			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵
Zee	BA	WO 96/11967	04/25/1996	Univ. of Akron		
	BB	JP 2001-343529	12/14/2001	Kanegafuchi...	Corrs. to "BC"	
	BC	EP 1 160 591	12/05/2001	Kaneka Co.		
	BD	JP 2000-511296	08/29/2000	Minesota Min...	Corrs. to "BE"	
✓	BE	WO 97/44704	11/27/1997	Minesota Min...		
Zee	BF	JP 2001-49110	02/20/2001	Nippon Catal...		✓

Examiner Signature	Mike Q	Date Considered	1-22-08
-----------------------	--------	--------------------	---------

considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by Translation is attached. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

10/522380

05 Rec'd PCT/PTO 26 JAN 2005

**INFORMATION
DISCLOSURE
STATEMENT
PTO-1449**

Atty. Docket No. 043087

Serial No. New Appln.

Applicant(s): Nao MURAKAMI et al.

Filing Date: January 26, 2005

Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
<i>zca</i>	AA JP2000-190385	07/11/00	Japan	Cited in the int'l. search report.
<i>+</i>	AB JP2001-290023	10/19/01	Japan	Cited in the int'l. search report.
<i>-</i>	AC JP8-160221	06/21/96	Japan	Cited in the int'l. search report.
<i>/</i>	AD EP 1160591	12/05/01	EPO	Cited in the int'l. search report.
<i>zca</i>	AE JP2001-91746	04/06/01	Japan	Cited in the int'l. search report.

OTHER DOCUMENTS

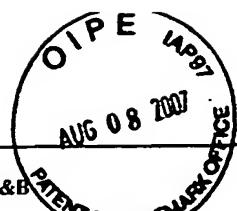
--	--	--

Examiner

Mike Ar

Date Considered

1-22-08



Combined Form PTO/SB/08A&B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	043087
-------	---	----	---	------------------------	--------

Complete if Known

Application Number	10/522,380
Confirmation Number	7975
Filing Date	September 1, 2005
First Named Inventor	Nao MURAKAMI et al.
Art Unit	2874
Examiner Name	Zhi Qiang Qi

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ³ (if known)		
ZQZQ	1	US 6,964,814	B2	11-15-2005	FUJII et al.
§	2	US 2005/0096431	A1	05-05-2005	FUJII et al.
	US				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁴
		Country Code ³	Number ⁴	Kind Code ³ (if known)			
	3	CN	1337009	A	02-20-2002		Corres to Cite No. 1 & 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁴
ZQZQ	4	Chinese Office Action for Application No. 03818329 dated June 15, 2007	Partial

Examiner Signature	Mike Qi	Date Considered	1-22-08
--------------------	---------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.